

RECOMBINANT HEXOSE OXIDASE, A METHOD OF PRODUCING SAME AND
USE OF SUCH ENZYME

ABSTRACT

A method of producing hexose oxidase by recombinant DNA
5 technology, recombinant hexose oxidase and the use of such
enzyme, in particular in the manufacturing of food products
such as doughs and dairy products, animal feed, pharmaceuti-
cals, cosmetics, dental care products and in the manufactur-
ing of lactones. Suitable sources of DNA coding for the
10 enzyme are marine algal species including *Chondrus crispus*,
Iridophycus flaccidum and *Euthora cristata*. In useful embodi-
ments, the recombinant hexose oxidase is produced by *Pichia*
pastoris, *Saccharomyces cerevisiae* or *E. coli*.